

INDEPENDENT ORBITER ASSESSMENT

ASSESSMENT OF THE ELECTRICAL POWER DISTRIBUTION AND CONTROL SUBSYSTEM VOLUME 2 OF 3

26 FEBRUARY 1988

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5587
NASA FMEA #: 05-6-2802-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5587
ITEM: RPC, 5A (TO RCS/OMS AB BUS)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5588
NASA FMEA #: 05-6-2652-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5588
ITEM: SWITCH, TOGGLE SPST (AFT POD VLV LOGIC GRP 1/3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5589
NASA FMEA #: 05-6-2652-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5589
ITEM: SWITCH, TOGGLE SPST (AFT POD VLV LOGIC GRP 1/3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/08/87
ASSESSMENT ID: EPD&C-5590
NASA FMEA #: 05-6-2702-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5590
ITEM: RESISTOR, 1.2K 2W (TO APCA-4)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/08/87
ASSESSMENT ID: EPD&C-5590A
NASA FMEA #: 05-6-2702-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5590
ITEM: RESISTOR, 1.2K 2W (TO APCA-4)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5591
NASA FMEA #: NOT FOUND

NASA DATA:
BASELINE []
NEW []

SUBSYSTEM: EPD&C
MDAC ID: 5591
ITEM: RESISTOR, 5.1K (ESS BUS 3AB TEST POINT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THIS COMPONENT HAS NO CONNECTION TO FLIGHT HARDWARE OR IS A TEST POINT. THEREFORE NASA DID NOT INCLUDE IT IN THEIR FMEAS. IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5592
NASA FMEA #: NOT FOUND

NASA DATA:
BASELINE []
NEW []

SUBSYSTEM: EPD&C
MDAC ID: 5592
ITEM: RESISTOR, 5.1K 1/4W (TO ESS 3AB MONITOR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[N / N]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THIS COMPONENT HAS NO CONNECTION TO FLIGHT HARDWARE OR IS A TEST POINT. THEREFORE NASA DID NOT INCLUDE IT IN THEIR FMEAS. IOA CONCURS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5593
NASA FMEA #: 05-6-2185-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5593
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5594
NASA FMEA #: 05-6-2185-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5594
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH THE NASA REEVALUATION DUE TO FUEL CELL SAFING
CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5595
NASA FMEA #: 05-6-2186-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5595
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION DUE TO FUEL CELL SAFING CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5596
NASA FMEA #: 05-6-2186-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5596
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5596A
NASA FMEA #: 05-6-2186-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5596
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5597
NASA FMEA #: 05-6-2186-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5597
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5597A
NASA FMEA #: 05-6-2186-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5597
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5598
NASA FMEA #: 05-6-2186-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5598
ITEM: DIODE, ISOLATION 35A (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH THE NASA REEVALUATION DUE TO FUEL CELL SAFING CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5599
NASA FMEA #: 05-6-2185-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5599
ITEM: DIODE, ISOLATION 35A (TO R1A1 PANEL - ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND" TO THIS FMEA.
IOA CONCURS WITH THE NASA REEVALUATION DUE TO FUEL CELL SAFING CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-5600
 NASA FMEA #: 05-6-2185-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5600
 ITEM: DIODE, ISOLATION 35A (TO R1A1 PANEL - ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5601
NASA FMEA #: 05-6-2603-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5601
ITEM: FUSE, 10A TO ESS BUS 3AB

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5602
NASA FMEA #: 05-6-2603-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5602
ITEM: FUSE, 10A TO ESS BUS 3AB

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5603
NASA FMEA #: 05-6-2605-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5603
ITEM: FUSE, 7.5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5604
NASA FMEA #: 05-6-2256-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5604
ITEM: FUSE, 3A TO SIG COND/MDM MONITOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5605
NASA FMEA #: NEW # UNKNOWN

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5605
ITEM: FUSE, 15A TO APCA-6

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5606
NASA FMEA #: 05-6-2300-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5606
ITEM: FUSE, 5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5607
NASA FMEA #: 05-6-2602-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5607
ITEM: FUSE, 10A TO ML86B PANEL

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5608
NASA FMEA #: 05-6-2276-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5608
ITEM: FUSE, 15A TO MPCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO FUEL CELL SAFING CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5609
NASA FMEA #: 05-6-2275-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5609
ITEM: FUSE, 10A TO FPCA-3 & FLCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5610
NASA FMEA #: 05-6-2279-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5610
ITEM: FUSE, 10A TO 013 PANEL

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5611
NASA FMEA #: 05-6-2605-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5611
ITEM: FUSE, 7.5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[N /]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5612
NASA FMEA #: 05-6-2482-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5612
ITEM: HYBRID DRIVER TYPE I (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5613
NASA FMEA #: 05-6-2482-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5613
ITEM: HYBRID DRIVER TYPE I (ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5614
NASA FMEA #: 05-6-2385-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5614
ITEM: RPC, 15A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5615
NASA FMEA #: 05-6-2385-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5615
ITEM: RPC, 15A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5616
NASA FMEA #: 05-6-2191-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5616
ITEM: DIODE, ISOLATION 35A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS ABOUT INADVERTENT POWERING OF THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5617
NASA FMEA #: 05-6-2191-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5617
ITEM: DIODE, ISOLATION 35A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5617A
NASA FMEA #: 05-6-2191-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5617
ITEM: DIODE, ISOLATION 35A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5618
NASA FMEA #: 05-6-2191-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5618
ITEM: DIODE, ISOLATION 35A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5618A
NASA FMEA #: 05-6-2191-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5618
ITEM: DIODE, ISOLATION 35A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5619
NASA FMEA #: 05-6-2191-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5619
ITEM: DIODE, ISOLATION 35A (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS ABOUT INADVERTENT POWERING OF THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5620
NASA FMEA #: 05-6-2335-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5620
ITEM: RESISTOR, 5.1K

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5621
NASA FMEA #: 05-6-2291-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5621
ITEM: FUSE, 7.5A TO ALCA-3 (MPS)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5622
NASA FMEA #: 05-6-2213-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5622
ITEM: SWITCH, TOGGLE 3PDT (ESS BUS SOURCE F/C 3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "SHORTS TO GROUND - FUEL CELL TO
ESS BUS CONTACT" TO THIS FMEA. IOA CONCURS WITH NASA'S SCREEN
"B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5622A
NASA FMEA #: 05-6-2213-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5622
ITEM: SWITCH, TOGGLE 3PDT (ESS BUS SOURCE F/C 3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5623
NASA FMEA #: 05-6-2213-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5623
ITEM: SWITCH, TOGGLE 3PDT (ESS BUS SOURCE F/C 3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5624
NASA FMEA #: 05-6-2335-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5624
ITEM: RESISTOR, 5.1K 1/4W TO MDM OF4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5625
NASA FMEA #: 05-6-2335-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5625
ITEM: RESISTOR, 5.1K 1/4W TO MDM OF4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5626
NASA FMEA #: 05-6-2331-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5626
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5627
NASA FMEA #: 05-6-2331-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5627
ITEM: RESISTOR, 1.2K 2W (TO ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5628
NASA FMEA #: 05-6-2214-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5628
ITEM: SWITCH, TOGGLE 3PDT (ESS BUS SOURCE MAIN A/B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5628A
NASA FMEA #: 05-6-2214-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5628
ITEM: SWITCH, TOGGLE 3PDT (ESS BUS SOURCE MAIN A/B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5629
NASA FMEA #: 05-6-2214-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5629
ITEM: SWITCH, TOGGLE 3PDT (ESS BUS SOURCE MAIN A/B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5630
NASA FMEA #: 05-6-2187-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5630
ITEM: DIODE, ISOLATION (TO MPCA-1 - ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5631
NASA FMEA #: 05-6-2187-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5631
ITEM: DIODE, ISOLATION (TO MPCA-1 - ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5632
NASA FMEA #: 05-6-2188-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5632
ITEM: DIODE, BLOCKING

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5633
NASA FMEA #: 05-6-2188-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5633
ITEM: DIODE, BLOCKING

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCENARIO LISTED ON THE CIL, BUT CONSIDERS THIS TO BE AN "INCREDIBLE" CREDIBLE SET OF FAILURES.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5634
NASA FMEA #: 05-6-2339-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5634
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5635
NASA FMEA #: 05-6-2338-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5635
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5636
NASA FMEA #: 05-6-2011-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5636
ITEM: RPC, 10A TO MDCA #3 - ESS BUS 3AB

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5637
NASA FMEA #: 05-6-2011-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5637
ITEM: RPC, 10A TO MDCA #3 - ESS BUS 3AB

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5638
NASA FMEA #: 05-6-2011-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5638
ITEM: RPC, 10A TO MDCA #3 - ESS BUS 3AB

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5639
NASA FMEA #: 05-6-2011-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5639
ITEM: RPC, 10A TO MDCA #3 - ESS BUS 3AB

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5640
NASA FMEA #: 05-6-2338-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5640
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3 /3]			[]	[]	[]	[] *
IOA	[3 /3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5641
NASA FMEA #: 05-6-2339-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5641
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5642
NASA FMEA #: 05-6-2188-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5642
ITEM: DIODE, BLOCKING

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5643
NASA FMEA #: 05-6-2188-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5643
ITEM: DIODE, BLOCKING

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCENARIO LISTED ON THE CIL, BUT CONSIDERS THIS TO BE AN "INCREDIBLE" CREDIBLE SET OF FAILURES.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-5644	BASELINE []
NASA FMEA #: 05-6-2187-2	NEW [X]
SUBSYSTEM: EPD&C	
MDAC ID: 5644	
ITEM: DIODE, ISOLATION (TO MPCA-2 - ESS BUS 3AB)	
LEAD ANALYST: K. SCHMECKPEPER	

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS		CIL ITEM
		A B C		
NASA	[3 / 3]	[] [] []		[] *
IOA	[3 / 3]	[] [] []		[]
COMPARE	[/]	[] [] []		[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5645
NASA FMEA #: 05-6-2187-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5645
ITEM: DIODE, ISOLATION (TO MPCA-2 - ESS BUS 3AB)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5646
NASA FMEA #: 05-6-2271-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5646
ITEM: FUSE, 3A TO GSE MONITOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5647
NASA FMEA #: 05-6-2272-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5647
ITEM: FUSE, 10A TO ALCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5648
NASA FMEA #: 05-6-2274-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5648
ITEM: FUSE, 5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5649
NASA FMEA #: 05-6-2273-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5649
ITEM: FUSE, 15A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5650
NASA FMEA #: 05-6-2273-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5650
ITEM: FUSE, 5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5651
NASA FMEA #: 05-6-2273-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5651
ITEM: FUSE, 5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5652
NASA FMEA #: 05-6-2273-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5652
ITEM: FUSE, 5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5653
NASA FMEA #: 05-6-2273-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5653
ITEM: FUSE, 15A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5654
NASA FMEA #: 05-6-2274-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5654
ITEM: FUSE, 5A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5655
NASA FMEA #: 05-6-2273-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5655
ITEM: FUSE, 15A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5656
NASA FMEA #: 05-6-2272-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5656
ITEM: FUSE, 10A TO ALCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5657
NASA FMEA #: 05-6-2272-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5657
ITEM: FUSE, 10A TO ALCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5658
NASA FMEA #: 05-6-2271-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5658
ITEM: FUSE, 3A TO GSE MONITOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5659
NASA FMEA #: 05-6-2471-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5659
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "83V76A18ARI-J1(17)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5660
NASA FMEA #: 05-6-2471-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5660
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18ARI-J1(17)"

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5661
NASA FMEA #: 05-6-2471-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5661
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "83V76A18ARI-J1(16)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5662
NASA FMEA #: 05-6-2471-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5662
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18ARI-J1(16)"

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5663
NASA FMEA #: 05-6-2472-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5663
ITEM: HYBRID DRIVER TYPE III (RESISTANCE TEST BUS)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA NEVER RECEIVED AN UPDATED FMEA FOR THIS COMPONENT. AS OF 2/12/88, IT WAS NOT ON THE CIL LIST.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5664
NASA FMEA #: 05-6-2472-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5664
ITEM: HYBRID DRIVER TYPE III (RESISTANCE TEST BUS)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/13/87	NASA DATA:
ASSESSMENT ID:	EPD&C-5665	BASELINE []
NASA FMEA #:	05-6-2472-2	NEW [X]
SUBSYSTEM:	EPD&C	
MDAC ID:	5665	
ITEM:	HYBRID DRIVER TYPE III (RESISTANCE TEST BUS)	
LEAD ANALYST:	K. SCHMECKPEPER	

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA NEVER RECEIVED AN UPDATED FMEA FOR THIS COMPONENT. AS OF 2/12/88, IT WAS NOT ON THE CIL LIST.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5666
NASA FMEA #: 05-6-2472-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5666
ITEM: HYBRID DRIVER TYPE III (RESISTANCE TEST BUS)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5667
NASA FMEA #: 05-6-2471-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5667
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "82V76A17ARI-J1(17)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5668
NASA FMEA #: 05-6-2471-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5668
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17ARI-J1(17)"

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5669
NASA FMEA #: 05-6-2471-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5669
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "82V76A17ARI-J1(16)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5670
NASA FMEA #: 05-6-2471-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5670
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17ARI-J1(16)"

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5671
NASA FMEA #: 05-6-2471-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5671
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "81V76A16ARI-J1(17)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5672
NASA FMEA #: 05-6-2471-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5672
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16ARI-J1(17)"

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5673
NASA FMEA #: 05-6-2471-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5673
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "81V76A16ARI-J1(16)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5674
NASA FMEA #: 05-6-2471-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5674
ITEM: HYBRID DRIVER TYPE I (INHIBIT BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16ARI-J1(16)"

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5675
NASA FMEA #: 05-6-2472-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5675
ITEM: HYBRID DRIVER TYPE III (RESISTANCE TEST BUS)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA NEVER RECEIVED AN UPDATED FMEA FOR THIS COMPONENT. AS OF 2/12/88, IT WAS NOT ON THE CIL LIST.

C-2

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5676
NASA FMEA #: 05-6-2472-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5676
ITEM: HYBRID DRIVER TYPE III (RESISTANCE TEST BUS)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5677
NASA FMEA #: 05-6-2230-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5677
ITEM: SWITCH, TOGGLE (CONTROL BUS PWR MN A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5678
NASA FMEA #: 05-6-2230-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5678
ITEM: SWITCH, TOGGLE (CONTROL BUS PWR MN A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 /3]		[]	[]	[]	[] *
IOA	[3 /3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5679
NASA FMEA #: 05-6-2230-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5679
ITEM: SWITCH, TOGGLE (CONTROL BUS PWR MN B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5680
NASA FMEA #: 05-6-2230-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5680
ITEM: SWITCH, TOGGLE (CONTROL BUS PWR MN B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5681
NASA FMEA #: 05-6-2230-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5681
ITEM: SWITCH, TOGGLE (CONTROL BUS PWR MN C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5682
NASA FMEA #: 05-6-2230-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5682
ITEM: SWITCH, TOGGLE (CONTROL BUS PWR MN C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5683
NASA FMEA #: 05-6-2358-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5683
ITEM: RESISTOR, 1.2K 2W (TO CONT BUSSES AB & CA RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	7/02/87	NASA DATA:
ASSESSMENT ID:	EPD&C-5683A	BASELINE []
NASA FMEA #:	05-6-2358-2	NEW [X]
SUBSYSTEM:	EPD&C	
MDAC ID:	5683	
ITEM:	RESISTOR, 1.2K 2W (TO CONT BUSSES AB & CA RESET)	
LEAD ANALYST:	K. SCHMECKPEPER	

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5684
NASA FMEA #: 05-6-2358-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5684
ITEM: RESISTOR, 1.2K 2W (TO CONT BUSSES AB & BC RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/02/87
 ASSESSMENT ID: EPD&C-5684A
 NASA FMEA #: 05-6-2358-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5684
 ITEM: RESISTOR, 1.2K 2W (TO CONT BUSSES AB & BC RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5685
NASA FMEA #: 05-6-2358-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5685
ITEM: RESISTOR, 1.2K 2W (TO CONT BUSSES CA & BC RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C

ASSESSMENT WORKSHEET

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ASSESSMENT DATE: 7/02/87          NASA DATA:
ASSESSMENT ID:   EPD&C-5685A      BASELINE [    ]
NASA FMEA #:     05-6-2358-2      NEW [ X ]

SUBSYSTEM:       EPD&C
MDAC ID:         5685
ITEM:            RESISTOR, 1.2K 2W (TO CONT BUSSES CA & BC RESET)

LEAD ANALYST:    K. SCHMECKPEPER

```

ASSESSMENT:

CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 /3]	[]	[]	[]	*
IOA	[3 /3]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS :

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5686
NASA FMEA #: 05-6-2284-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5686
ITEM: FUSE, 5A TO FLCA-1 (CONT BUS PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5687
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5687
ITEM: RPC, 5A TO CONT BUS CA1 & AB1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5688
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5688
ITEM: RPC, 5A TO CONT BUS CA1 & AB1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5689
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5689
ITEM: RPC, 5A TO CONT BUS CA2 & AB2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5690
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5690
ITEM: RPC, 5A TO CONT BUS CA2 & AB2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5691
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5691
ITEM: RPC, 5A TO CONT BUS CA3 & AB3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5692
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5692
ITEM: RPC, 5A TO CONT BUS CA3 & AB3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5693
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5693
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5693A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5693
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5694
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5694
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5695
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5695
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5696
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5696
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5696A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5696
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-5697
 NASA FMEA #: 05-6-2197-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5697
 ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5697A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5697
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5698
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5698
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5699
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5699
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5700
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5700
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5700A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5700
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5701
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5701
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5701A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5701
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5702
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5702
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5703
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5703
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5704
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5704
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5704A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5704
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5705
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5705
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3	/3]	[]	[]	[]	[] *
IOA	[3	/3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5706
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5706
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-5707
 NASA FMEA #: 05-6-2341-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5707
 ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5708
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5708
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5709
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5709
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5710
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5710
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5711
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5711
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5712
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5712
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5713
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5713
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5714
NASA FMEA #: 05-6-2481-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5714
ITEM: HYBRID DRIVER TYPE I (CONT BUS CA1 & AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87	NASA DATA:
ASSESSMENT ID: EPD&C-5715	BASELINE []
NASA FMEA #: 05-6-2481-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5715
ITEM: HYBRID DRIVER TYPE I (CONT BUS CA1 & AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS		CIL ITEM
		A	B	C
NASA	[3 /1R]	[P]	[P]	[P]
IOA	[3 /1R]	[P]	[F]	[P]
COMPARE	[/]	[]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]
					(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5716
NASA FMEA #: 05-6-2481-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5716
ITEM: HYBRID DRIVER TYPE I (CONT BUS CA2 & AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5717
NASA FMEA #: 05-6-2481-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5717
ITEM: HYBRID DRIVER TYPE I (CONT BUS CA2 & AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5718
NASA FMEA #: 05-6-2481-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5718
ITEM: HYBRID DRIVER TYPE I (CONT BUS CA3 & AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/13/87	NASA DATA:
ASSESSMENT ID:	EPD&C-5719	BASELINE []
NASA FMEA #:	05-6-2481-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5719
ITEM: HYBRID DRIVER TYPE I (CONT BUS CA3 & AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5720
NASA FMEA #: 05-6-2481-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5720
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC1 & AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5721
NASA FMEA #: 05-6-2481-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5721
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC1 & AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C

ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5722
NASA FMEA #: 05-6-2481-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5722
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC2 & AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
FLIGHT HDW/FUNC		A	B	C	
NASA	[3 /3]	[]	[]	[]	*
IOA	[3 /3]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS :

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5723
NASA FMEA #: 05-6-2481-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5723
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC2 & AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-5724	BASELINE []
NASA FMEA #: 05-6-2481-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5724
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC3 & AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5725
NASA FMEA #: 05-6-2481-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5725
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC3 & AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5726
NASA FMEA #: 05-6-2481-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5726
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC1 & CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5727
NASA FMEA #: 05-6-2481-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5727
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC1 & CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5728
NASA FMEA #: 05-6-2481-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5728
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC2 & CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5729
NASA FMEA #: 05-6-2481-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5729
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC2 & CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-5730	BASELINE []
NASA FMEA #: 05-6-2481-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5730
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC3 & CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3 /3]			[]	[]	[]	[] *
IOA	[3 /3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5731
NASA FMEA #: 05-6-2481-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5731
ITEM: HYBRID DRIVER TYPE I (CONT BUS BC3 & CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5732
NASA FMEA #: 05-6-2284-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5732
ITEM: FUSE, 5A TO FLCA-2 (CONT BUS PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5733
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5733
ITEM: RPC, 5A TO CONT BUS BC1 & AB1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5734
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5734
ITEM: RPC, 5A TO CONT BUS BC1 & AB1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5735
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5735
ITEM: RPC, 5A TO CONT BUS BC2 & AB2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5736
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5736
ITEM: RPC, 5A TO CONT BUS BC2 & AB2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5737
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5737
ITEM: RPC, 5A TO CONT BUS BC3 & AB3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5738
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5738
ITEM: RPC, 5A TO CONT BUS BC3 & AB3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5739
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5739
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5739A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5739
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5740
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5740
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5741
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5741
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5742
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5742
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5742A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5742
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5743
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5743
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5743A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5743
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5744
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5744
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5745
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5745
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5746
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5746
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5746A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5746
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5747
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5747
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5747A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5747
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5748
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5748
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5749
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5749
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5750
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5750
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5750A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5750
ITEM: DIODE, ISOLATION 12A (TO CONT BUS AB3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5751
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5751
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5752
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5752
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5753
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5753
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5754
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5754
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5755
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5755
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5756
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5756
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5757
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5757
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

C-3

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5758
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5758
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5759
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5759
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5760
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5760
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5761
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5761
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5762
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5762
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-5763
 NASA FMEA #: 05-6-2325-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5763
 ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5764
NASA FMEA #: 05-6-2340-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5764
ITEM: RESISTOR, 1.8K 1/4W (TO DC RETURN)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5765
NASA FMEA #: 05-6-2325-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5765
ITEM: RESISTOR, 1.8K 1/4W (TO SIG COND OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5766
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5766
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5767
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5767
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5768
NASA FMEA #: 05-6-2341-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5768
ITEM: RESISTOR, 2.2K 1/2W (TO MDM OF3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
-------------	--------	--------	--------	--------

(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5769
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5769
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5769A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5769
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5770
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5770
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5771
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5771
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-5772
 NASA FMEA #: 05-6-2197-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5772
 ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5772A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5772
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5773
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5773
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5773A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5773
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5774
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5774
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5775
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5775
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5776
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5776
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5776A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5776
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5777
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5777
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5777A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5777
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5778
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5778
ITEM: DIODE, ISOLATION 12A (TO CONT BUS CA3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5779
NASA FMEA #: 05-6-2197-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5779
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[N /]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". IOA DID NOT CONSIDER THE
LOSS OF A BUS AS A SINGLE FAILURE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5780
NASA FMEA #: 05-6-2197-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5780
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5780A
NASA FMEA #: 05-6-2197-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5780
ITEM: DIODE, ISOLATION 12A (TO CONT BUS BC3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5781
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5781
ITEM: RPC, 5A TO CONT BUS CA1 & BC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5782
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5782
ITEM: RPC, 5A TO CONT BUS CA1 & BC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5783
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5783
ITEM: RPC, 5A TO CONT BUS CA2 & BC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5784
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5784
ITEM: RPC, 5A TO CONT BUS CA2 & BC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5785
NASA FMEA #: 05-6-2386-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5785
ITEM: RPC, 5A TO CONT BUS CA3 & BC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5786
NASA FMEA #: 05-6-2386-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5786
ITEM: RPC, 5A TO CONT BUS CA3 & BC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-5787
 NASA FMEA #: 05-6-2284-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5787
 ITEM: FUSE, 5A TO FLCA-3 (CONT BUS PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5788
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5788
ITEM: FUSE, 1A TO P/L RETENTION LATCHES SYS 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /3] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FIRST FAILURE WOULD CAUSE LOSS OF POWER TO MICROSWITCHES ON SOME PAYLOAD RETENTION LATCHES. THESE ARE NON-CRITICAL INDICATOR CIRCUITS FOR THE STATE OF THE LATCHES. ALTERNATE INDICATORS ARE AVAILABLE TO THE CREW.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5789
NASA FMEA #: NONE

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5789
ITEM: FUSE, 1A TO P/L RETENTION LATCHES SYS 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[/]	[]	[]	[]	[] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[3 /3]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FIRST FAILURE WOULD CAUSE LOSS OF POWER TO MICROSWITCHES ON SOME PAYLOAD RETENTION LATCHES. THESE ARE NON-CRITICAL INDICATOR CIRCUITS FOR THE STATE OF THE LATCHES. ALTERNATE INDICATORS ARE AVAILABLE TO THE CREW.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5790
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5790
ITEM: FUSE, 5A TO CONT BUS AB1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5791
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5791
ITEM: FUSE, 5A TO CONT BUS AB2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5792
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5792
ITEM: FUSE, 5A TO CONT BUS AB3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5793
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5793
ITEM: FUSE, 5A TO CONT BUS BC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5794
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5794
ITEM: FUSE, 5A TO CONT BUS BC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5795
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5795
ITEM: FUSE, 5A TO CONT BUS BC3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5796
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5796
ITEM: FUSE, 5A TO CONT BUS CA1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5797
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5797
ITEM: FUSE, 5A TO CONT BUS CA2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5798
NASA FMEA #: 05-6-2262-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5798
ITEM: FUSE, 5A TO CONT BUS CA3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5799
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5799
ITEM: FUSE, 1A TO MMCA-1 & 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5800
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5800
ITEM: FUSE, 1A TO MMCA-1 & 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5801
NASA FMEA #: 05-6-2620-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5801
ITEM: FUSE, 1A TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5802
NASA FMEA #: 05-6-2620-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5802
ITEM: FUSE, 1A TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5803
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5803
ITEM: FUSE, 1A TO MMCA-2 & 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5804
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5804
ITEM: FUSE, 1A TO MMCA-2 & 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5805
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5805
ITEM: FUSE, 1A TO MMCA-4 & 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5806
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5806
ITEM: FUSE, 1A TO MMCA-4 & 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5807
NASA FMEA #: 05-6-2620-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5807
ITEM: FUSE, 1A TO MMCA-4 & 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5808
NASA FMEA #: 05-6-2620-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5808
ITEM: FUSE, 1A TO MMCA-4 & 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5809
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5809
ITEM: FUSE, 1A TO MMCA-4 & 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5810
NASA FMEA #: 05-6-2619-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5810
ITEM: FUSE, 1A TO MMCA-4 & 3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[N /]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5811
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5811
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5812
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5812
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES
WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5813
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5813
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES
WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5814
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5814
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]
RECOMMENDATIONS: (If different from NASA)					
	[/]	[]	[]	[]	[] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5815
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5815
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5816
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5816
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5817
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5817
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES
WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5818
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5818
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5819
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5819
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5820
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5820
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5821
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5821
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES
WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5822
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5822
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5823
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5823
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5824
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5824
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5825
NASA FMEA #: 05-6-2903-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5825
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "A". THE REVISED OMRSD PROCEDURES
WILL DETECT THIS FAILURE MODE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/17/87
ASSESSMENT ID: EPD&C-5826
NASA FMEA #: 05-6-2903-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5826
ITEM: DIODE, ISOLATION 3A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C

ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5827
NASA FMEA #: 05-6-2658-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5827
ITEM: SWITCH, TOGGLE 4PDT (P/L BAY MECH PWR SYS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
FLIGHT HDW/FUNC		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C

ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/08/87
ASSESSMENT ID: EPD&C-5828
NASA FMEA #: 05-6-2658-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5828
ITEM: SWITCH, TOGGLE 4PDT (P/L BAY MECH PWR SYS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
FLIGHT HDW/FUNC		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS :

IOA CONCURS WITH NASA THAT THIS FAILURE WOULD CAUSE THE INADVERTENT POWERING OF THE PAYLOAD BAY MECHANICAL BUSES. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/08/87
ASSESSMENT ID: EPD&C-5829
NASA FMEA #: 05-6-2658-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5829
ITEM: SWITCH, TOGGLE 4PDT (P/L BAY MECH PWR SYS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[N /N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA THAT THIS FAILURE WOULD CAUSE THE
INADVERTENT POWERING OF THE PAYLOAD BAY MECHANICAL BUSSES. IOA
CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5830
NASA FMEA #: 05-6-2658-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5830
ITEM: SWITCH, TOGGLE 4PDT (P/L BAY MECH PWR SYS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[F]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5831
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5831
ITEM: CIRCUIT BREAKER, 3A (AC CONT 1 A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5832
NASA FMEA #: 05-6-2245-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5832
ITEM: CIRCUIT BREAKER, 3A (AC CONT 1 A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5833
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5833
ITEM: CIRCUIT BREAKER, 3A (AC CONT 1 B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	1/01/88	NASA DATA:
ASSESSMENT ID:	EPD&C-5834	BASELINE []
NASA FMEA #:	05-6-2245-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5834
ITEM: CIRCUIT BREAKER, 3A (AC CONT 1 B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5835
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5835
ITEM: CIRCUIT BREAKER, 3A (AC CONT 1 C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5836
NASA FMEA #: 05-6-2245-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5836
ITEM: CIRCUIT BREAKER, 3A (AC CONT 1 C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-5837
NASA FMEA #: 05-6-2215-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5837
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS OPEN. IOA CONCURS
WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-5837A
NASA FMEA #: 05-6-2215-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5837
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-5838
NASA FMEA #: 05-6-2215-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5838
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "OFF" POSITION. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/13/87	NASA DATA:
ASSESSMENT ID:	EPD&C-5839	BASELINE []
NASA FMEA #:	05-6-2488-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5839
ITEM: HYBRID DRIVER TYPE I (MN A TO INV 1 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5840
NASA FMEA #: 05-6-2488-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5840
ITEM: HYBRID DRIVER TYPE I (MN A TO INV 1 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5841
NASA FMEA #: 05-6-2489-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5841
ITEM: HYBRID DRIVER TYPE I (MN A TO INV 1 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "81V76A16AR(I)J1-2".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5842
NASA FMEA #: 05-6-2489-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5842
ITEM: HYBRID DRIVER TYPE I (MN A TO INV 1 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR(I)J1-2".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5843
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5843
ITEM: HYBRID DRIVER TYPE II (INV 1 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J2(1)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5844
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5844
ITEM: HYBRID DRIVER TYPE II (INV 1 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J2(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5845
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5845
ITEM: HYBRID DRIVER TYPE II (INV 1 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J2(2)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5846
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5846
ITEM: HYBRID DRIVER TYPE II (INV 1 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J2(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5847
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5847
ITEM: HYBRID DRIVER TYPE II (INV 1 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J2(3)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

C-4

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5848
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5848
ITEM: HYBRID DRIVER TYPE II (INV 1 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J2(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5849
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5849
ITEM: HYBRID DRIVER TYPE III (INV 1 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J4(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5850
NASA FMEA #: 05-6-2486-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5850
ITEM: HYBRID DRIVER TYPE III (INV 1 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J4(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5851
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5851
ITEM: HYBRID DRIVER TYPE III (INV 1 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J4(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5852
NASA FMEA #: 05-6-2486-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5852
ITEM: HYBRID DRIVER TYPE III (INV 1 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J4(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5853
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5853
ITEM: HYBRID DRIVER TYPE III (INV 1 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J4(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-5854
 NASA FMEA #: 05-6-2486-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5854
 ITEM: HYBRID DRIVER TYPE III (INV 1 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR-J4(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5855
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5855
ITEM: HYBRID DRIVER TYPE III (INV 1 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5856
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5856
ITEM: HYBRID DRIVER TYPE III (INV 1 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5857
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5857
ITEM: HYBRID DRIVER TYPE III (INV 1 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5858
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5858
ITEM: HYBRID DRIVER TYPE III (INV 1 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5859
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5859
ITEM: HYBRID DRIVER TYPE III (INV 1 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5860
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5860
ITEM: HYBRID DRIVER TYPE III (INV 1 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5861
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5861
ITEM: RELAY, LATCHING TO INVERTER 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5862
NASA FMEA #: 05-6-2139-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5862
ITEM: RELAY, LATCHING TO INVERTER 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5863
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5863
ITEM: RELAY, LATCHING TO INVERTER 1B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5864
NASA FMEA #: 05-6-2139-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5864
ITEM: RELAY, LATCHING TO INVERTER 1B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5865
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5865
ITEM: RELAY, LATCHING TO INVERTER 1C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5866
NASA FMEA #: 05-6-2139-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5866
ITEM: RELAY, LATCHING TO INVERTER 1C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5867
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5867
ITEM: FUSE, 80A TO INV 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-5868
 NASA FMEA #: 05-6-2287-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5868
 ITEM: FUSE, 80A TO INV 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5869
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5869
ITEM: FUSE, 80A TO INV 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5870
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5870
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5871
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5871
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5872
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5872
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5873
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5873
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5874
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5874
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5875
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5875
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5876
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5876
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5877
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5877
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5878
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5878
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5879
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5879
ITEM: RPC, 7.5A TO INV 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5880
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5880
ITEM: RPC, 7.5A TO INV 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5881
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5881
ITEM: RPC, 7.5A TO INV 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5882
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5882
ITEM: RPC, 7.5A TO INV 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5883
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5883
ITEM: RPC, 7.5A TO INV 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5884
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5884
ITEM: RPC, 7.5A TO INV 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5885
NASA FMEA #: 05-6-2015-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5885
ITEM: INVERTER 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5886
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5886
ITEM: INVERTER 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5887
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5887
ITEM: INVERTER 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5888
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5888
ITEM: INVERTER 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-5888A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5888
ITEM: INVERTER 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5889
NASA FMEA #: 05-6-2015-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5889
ITEM: INVERTER 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5890
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5890
ITEM: INVERTER 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5891
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5891
ITEM: INVERTER 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5892
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5892
ITEM: INVERTER 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-5892A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5892
ITEM: INVERTER 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5893
NASA FMEA #: 05-6-2015-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5893
ITEM: INVERTER 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
-------------	--------	--------	--------	--------

(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5894
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5894
ITEM: INVERTER 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-5895
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5895
ITEM: INVERTER 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5896
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5896
ITEM: INVERTER 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-5896A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5896
ITEM: INVERTER 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-5897
NASA FMEA #: 05-6-2216-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5897
ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "ON" POSITION, "ON" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-5898
NASA FMEA #: 05-6-2216-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5898
ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "OFF" POSITION, "OFF" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5899
NASA FMEA #: 05-6-2475-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5899
ITEM: HYBRID DRIVER TYPE III (AC BUS 1 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5900
NASA FMEA #: 05-6-2475-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5900
ITEM: HYBRID DRIVER TYPE III (AC BUS 1 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION BECAUSE IOA THOUGHT THE INVERTER INPUT POWER WAS SUPPLIED THROUGH A LATCHING RELAY AND THE RELAY DOES NOT LATCH.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5901
NASA FMEA #: 05-6-2474-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5901
ITEM: HYBRID DRIVER TYPE III (AC BUS 1 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "81V76A16AR(III)J1-109".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5902
NASA FMEA #: 05-6-2474-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5902
ITEM: HYBRID DRIVER TYPE III (AC BUS 1 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "81V76A16AR(III)J1-109".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5903
NASA FMEA #: NEW # UNKNOWN

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5903
ITEM: FUSE, 3A TO AC BUS 1 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5904
NASA FMEA #: NEW # UNKNOWN

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5904
ITEM: FUSE, 3A TO AC BUS 1 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5905
NASA FMEA #: 05-6-2361-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5905
ITEM: AC OVER/UNDER VOLT SNSR 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5906
NASA FMEA #: 05-6-2361-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5906
ITEM: AC OVER/UNDER VOLT SNSR 1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[NA]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5907
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5907
ITEM: DIODE, BLOCKING 1A (TO 1 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5908
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5908
ITEM: DIODE, BLOCKING 1A (TO 1 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING
THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5909
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5909
ITEM: DIODE, BLOCKING 1A (TO 1 B SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING
THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5910
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5910
ITEM: DIODE, BLOCKING 1A (TO 1 B SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5911
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5911
ITEM: DIODE, BLOCKING 1A (TO 1 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 /3]		[]	[]	[]	* []
IOA	[3 /3]		[]	[]	[]	
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5912
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5912
ITEM: DIODE, BLOCKING 1A (TO 1 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING
THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5913
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5913
ITEM: DIODE, BLOCKING 1A (TO 1 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING
THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-5914	BASELINE []
NASA FMEA #: 05-6-2195-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5914
ITEM: DIODE, BLOCKING 1A (TO 1 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
FLIGHT HDW/FUNC		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5915
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5915
ITEM: DIODE, BLOCKING 1A (TO 1 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5916
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5916
ITEM: DIODE, BLOCKING 1A (TO 1 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5917
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5917
ITEM: DIODE, BLOCKING 1A (TO 1 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING
THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5918
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5918
ITEM: DIODE, BLOCKING 1A (TO 1 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM	
		A	B	C		
NASA	[3 / 3]	[]	[]	[]	[]	*
IOA	[3 / 3]	[]	[]	[]	[]	
COMPARE	[/]	[]	[]	[]	[]	

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5919
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5919
ITEM: DIODE, BLOCKING 1A (TO 1 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

- CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5920
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5920
ITEM: DIODE, BLOCKING 1A (TO 1 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5921
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5921
ITEM: DIODE, BLOCKING 1A (TO 1 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY-SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5922
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5922
ITEM: DIODE, BLOCKING 1A (TO 1 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-5923
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5923
ITEM: DIODE, BLOCKING 1A (TO 1 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5924
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5924
ITEM: DIODE, BLOCKING 1A (TO 1 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5925
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5925
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

-	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5926
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5926
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5927
NASA FMEA #: 05-6-2349-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5927
ITEM: RESISTOR, 2.2K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5928
NASA FMEA #: 05-6-2349-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5928
ITEM: RESISTOR, 2.2K 1/4W

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5929
NASA FMEA #: 05-6-2332-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5929
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5930
NASA FMEA #: 05-6-2332-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5930
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3 / 3]			[]	[]	[]	[] *
IOA	[3 / 3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5931
NASA FMEA #: 05-6-2223-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5931
ITEM: SWITCH, TOGGLE SPDT (AC 1 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS OPEN OR SHORTS TO GROUND - IOA
CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
ASSESSMENT ID: EPD&C-5931A
NASA FMEA #: 05-6-2223-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5931
ITEM: SWITCH, TOGGLE SPDT (AC 1 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5932
NASA FMEA #: 05-6-2223-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5932
ITEM: SWITCH, TOGGLE SPDT (AC 1 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS CLOSED IN MONITER POSITION - IOA
CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5933
NASA FMEA #: 05-6-2265-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5933
ITEM: CIRCUIT BREAKER, 3A TO AC1 BUS SENSOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5934
NASA FMEA #: 05-6-2265-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5934
ITEM: CIRCUIT BREAKER, 3A TO AC1 BUS SENSOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5935
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5935
ITEM: RELAY, LATCHING TO AC BUS 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5936
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5936
ITEM: RELAY, LATCHING TO AC BUS 1A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5937
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5937
ITEM: RELAY, LATCHING TO AC BUS 1B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5938
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5938
ITEM: RELAY, LATCHING TO AC BUS 1B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5939
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5939
ITEM: RELAY, LATCHING TO AC BUS 1C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-5940
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5940
ITEM: RELAY, LATCHING TO AC BUS 1C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5941
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5941
ITEM: FUSE, 3A TO AC BUS 1 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-5942
 NASA FMEA #: 05-6-2264-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5942
 ITEM: FUSE, 3A TO AC BUS 1 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5943
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5943
ITEM: FUSE, 3A TO AC BUS 1 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5944
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5944
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5945
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5945
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5946
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5946
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5947
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5947
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5948
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5948
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5949
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5949
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF1)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5950
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5950
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 1 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5951
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5951
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 1 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3 /3]			[]	[]	[]	[] *
IOA	[3 /3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5952
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5952
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 1 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC			REDUNDANCY SCREENS			CIL ITEM
				A	B	C	
NASA	[3 / 3]			[]	[]	[]	[] *
IOA	[3 / 3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/06/87	NASA DATA:
ASSESSMENT ID:	EPD&C-5953	BASELINE []
NASA FMEA #:	05-6-2352-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5953
ITEM: RESISTOR, 150K 1/2W (AC BUS 1 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5954
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5954
ITEM: RESISTOR, 150K 1/2W (AC BUS 1 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5955
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5955
ITEM: RESISTOR, 150K 1/2W (AC BUS 1 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5956
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5956
ITEM: RESISTOR, 100K (AC BUS 1 A CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5957
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5957
ITEM: RESISTOR, 100K (AC BUS 1 B CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5958
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5958
ITEM: RESISTOR, 100K (AC BUS 1 C CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5959
NASA FMEA #: 05-6-2305-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5959
ITEM: AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5960
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5960
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 1 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5961
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5961
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 1 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5962
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5962
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 1 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5963
NASA FMEA #: 05-6-2232-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5963
ITEM: SWITCH, TOGGLE 3PDT (AC BUS 1 UTIL PWR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5964
NASA FMEA #: 05-6-2298-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5964
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5965
NASA FMEA #: 05-6-2298-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5965
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-5966
NASA FMEA #: 05-6-2618-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5966
ITEM: CIRCUIT BREAKER TO FMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5967
NASA FMEA #: 05-6-2618-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5967
ITEM: CIRCUIT BREAKER TO FMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5968
NASA FMEA #: 05-6-2613-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5968
ITEM: CIRCUIT BREAKER TO MMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5969
NASA FMEA #: 05-6-2613-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5969
ITEM: CIRCUIT BREAKER TO MMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF
"PSYCHOTIC GPC" CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5970
NASA FMEA #: 05-6-2614-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5970
ITEM: CIRCUIT BREAKER TO MMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5971
NASA FMEA #: 05-6-2614-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5971
ITEM: CIRCUIT BREAKER TO MMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF
"PSYCHOTIC GPC" CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5972
NASA FMEA #: 05-6-2612-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5972
ITEM: CIRCUIT BREAKER TO AMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-5973
NASA FMEA #: 05-6-2612-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5973
ITEM: CIRCUIT BREAKER TO AMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5974
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5974
ITEM: CIRCUIT BREAKER AC 1A TO RCS/OMS-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5975
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5975
ITEM: CIRCUIT BREAKER AC 1A TO RCS/OMS-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5976
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5976
ITEM: CIRCUIT BREAKER AC 1B TO RCS/OMS-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5977
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5977
ITEM: CIRCUIT BREAKER AC 1B TO RCS/OMS-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5978
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5978
ITEM: CIRCUIT BREAKER AC 1C TO RCS/OMS-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5979
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5979
ITEM: CIRCUIT BREAKER AC 1C TO RCS/OMS-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5980
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5980
ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5981
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5981
ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-5982
 NASA FMEA #: 05-6EB-2004-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5982
 ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5983
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5983
ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5984
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5984
ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5985
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5985
ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-5986
 NASA FMEA #: 05-6EB-2004-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 5986
 ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-5987
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5987
ITEM: RELAY TO PLBD AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5988
NASA FMEA #: 05-6-2751-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5988
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5988A
NASA FMEA #: 05-6-2751-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5988
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5989
NASA FMEA #: 05-6-2751-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5989
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY
STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5990
NASA FMEA #: 05-6-2751-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5990
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5990A
NASA FMEA #: 05-6-2751-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5990
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5991
NASA FMEA #: 05-6-2751-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5991
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5992
NASA FMEA #: 05-6-2754-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5992
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5992A
NASA FMEA #: 05-6-2754-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5992
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5993
NASA FMEA #: 05-6-2754-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5993
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY
STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5994
NASA FMEA #: 05-6-2754-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5994
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5994A
NASA FMEA #: 05-6-2754-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5994
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-5995
NASA FMEA #: 05-6-2754-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5995
ITEM: RELAY, 4P TO PLBM-AC1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5996
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5996
ITEM: CIRCUIT BREAKER, 3A (AC CONT 2 A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	1/01/88	NASA DATA:
ASSESSMENT ID:	EPD&C-5997	BASELINE []
NASA FMEA #:	05-6-2245-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5997
ITEM: CIRCUIT BREAKER, 3A (AC CONT 2 A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
-------------	--------	--------	--------	--------	--------------

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5998
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5998
ITEM: CIRCUIT BREAKER, 3A (AC CONT 2 B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-5999
NASA FMEA #: 05-6-2245-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 5999
ITEM: CIRCUIT BREAKER, 3A (AC CONT 2 B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6000
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6000
ITEM: CIRCUIT BREAKER, 3A (AC CONT 2 C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6001
NASA FMEA #: 05-6-2245-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6001
ITEM: CIRCUIT BREAKER, 3A (AC CONT 2 C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6002
NASA FMEA #: 05-6-2215-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6002
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS OPEN. IOA CONCURS
WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6002A
NASA FMEA #: 05-6-2215-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6002
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6003
NASA FMEA #: 05-6-2215-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6003
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "OFF" POSITION. IOA CONCURS WITH NASA'S REEVALUATION.

ASSESSMENT DATE: 6/13/87 **NASA DATA:**
ASSESSMENT ID: EPD&C-6004 **BASELINE** []
NASA FMEA #: 05-6-2488-2 **NEW** [X]

LEAD ANALYST: K. SCHMECKPEPER

CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
FLIGHT HDW/FUNC		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	*
IOA	[3 /3]	[]	[]	[]	
COMPARE	[/N]	[N]	[N]	[N]	[]

[/] [] [] [] []
(ADD/DELETE)

ADEQUATE []
INADEQUATE []

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6005
NASA FMEA #: 05-6-2488-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6005
ITEM: HYBRID DRIVER TYPE I (MN B TO INV 2 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6006
NASA FMEA #: 05-6-2489-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6006
ITEM: HYBRID DRIVER TYPE I (MN B TO INV 2 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "82V76A17AR(I)J1-2".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6007
NASA FMEA #: 05-6-2489-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6007
ITEM: HYBRID DRIVER TYPE I (MN B TO INV 2 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR(I)J1-2".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/13/87	NASA DATA:
ASSESSMENT ID:	EPD&C-6008	BASELINE []
NASA FMEA #:	05-6-2485-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6008
ITEM: HYBRID DRIVER TYPE II (INV 2 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
-------------	--------	--------	--------	--------	--------------

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[X]
INADEQUATE	[]

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J2(1)". IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6009	BASELINE []
NASA FMEA #: 05-6-2485-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6009
ITEM: HYBRID DRIVER TYPE II (INV 2 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS		CIL ITEM
		A B C		
NASA	[3 / 3]	[] [] []		[] *
IOA	[3 / 3]	[] [] []		[]
COMPARE	[/]	[] [] []		[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J2(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6010
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6010
ITEM: HYBRID DRIVER TYPE II (INV 2 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J2(2)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6011
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6011
ITEM: HYBRID DRIVER TYPE II (INV 2 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J2(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6012
NASA FMEA #: 05-6-2485-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6012
ITEM: HYBRID DRIVER TYPE II (INV 2 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J2(3)". IOA CONCURS
WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6013
NASA FMEA #: 05-6-2485-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6013
ITEM: HYBRID DRIVER TYPE II (INV 2 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY			REDUNDANCY SCREENS			CIL ITEM
	FLIGHT			A	B	C	
	HDW/FUNC						
NASA	[3 /3]			[]	[]	[]	[] *
IOA	[3 /3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J2(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6014
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6014
ITEM: HYBRID DRIVER TYPE III (INV 2 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J4(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6015
NASA FMEA #: 05-6-2486-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6015
ITEM: HYBRID DRIVER TYPE III (INV 2 A ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J4(1)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6016
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6016
ITEM: HYBRID DRIVER TYPE III (INV 2 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J4(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87	NASA DATA:
ASSESSMENT ID: EPD&C-6017	BASELINE []
NASA FMEA #: 05-6-2486-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6017
ITEM: HYBRID DRIVER TYPE III (INV 2 B ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J4(2)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6018
NASA FMEA #: 05-6-2486-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6018
ITEM: HYBRID DRIVER TYPE III (INV 2 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.
REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J4(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6019
NASA FMEA #: 05-6-2486-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6019
ITEM: HYBRID DRIVER TYPE III (INV 2 C ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR-J4(3)".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6020
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6020
ITEM: HYBRID DRIVER TYPE III (INV 2 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6021
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6021
ITEM: HYBRID DRIVER TYPE III (INV 2 A OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6022
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6022
ITEM: HYBRID DRIVER TYPE III (INV 2 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87	NASA DATA:
ASSESSMENT ID: EPD&C-6023	BASELINE []
NASA FMEA #: 05-6-2487-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6023
ITEM: HYBRID DRIVER TYPE III (INV 2 B OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6024
NASA FMEA #: 05-6-2487-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6024
ITEM: HYBRID DRIVER TYPE III (INV 2 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6025
NASA FMEA #: 05-6-2487-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6025
ITEM: HYBRID DRIVER TYPE III (INV 2 C OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6026
 NASA FMEA #: NEW # UNKNOWN

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6026
 ITEM: FUSE, 3A TO AC BUS 2 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
 ASSESSMENT ID: EPD&C-6027
 NASA FMEA #: NEW # UNKNOWN

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6027
 ITEM: FUSE, 3A TO AC BUS 2 CMD

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6028
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6028
ITEM: FUSE, 3A TO AC BUS 2C OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6029
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6029
ITEM: FUSE, 3A TO AC BUS 2B OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6030
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6030
ITEM: FUSE, 3A TO AC BUS 2A OFF

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6031
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6031
ITEM: FUSE, 3A TO AC BUS 2C ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6032
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6032
ITEM: FUSE, 80A TO INV 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

C - 6

APPENDIX C
ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6033
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6033
ITEM: FUSE, 80A TO INV 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6034
NASA FMEA #: 05-6-2287-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6034
ITEM: FUSE, 80A TO INV 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6035
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6035
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6036
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6036
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6037
NASA FMEA #: 05-6-2346-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6037
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6038
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6038
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6039
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6039
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6040
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6040
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6041
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6041
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6042
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6042
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6043
NASA FMEA #: 05-6-2199-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6043
ITEM: DIODE, ISOLATION

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
 ASSESSMENT ID: EPD&C-6044
 NASA FMEA #: 05-6-2200-1
 SUBSYSTEM: EPD&C
 MDAC ID: 6044
 ITEM: DIODE TO INV 2 A

NASA DATA:
 BASELINE []
 NEW [X]

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6045
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6045
ITEM: DIODE TO INV 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6046
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6046
ITEM: DIODE TO INV 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6047
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6047
ITEM: DIODE TO INV 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6048
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6048
ITEM: DIODE TO INV 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6049
NASA FMEA #: 05-6-2200-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6049
ITEM: DIODE TO INV 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6050
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6050
ITEM: RPC, 7.5A TO INV 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6051
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6051
ITEM: RPC, 7.5A TO INV 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6052
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6052
ITEM: RPC, 7.5A TO INV 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6053
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6053
ITEM: RPC, 7.5A TO INV 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6054
NASA FMEA #: 05-6-2390-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6054
ITEM: RPC, 7.5A TO INV 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6055
NASA FMEA #: 05-6-2390-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6055
ITEM: RPC, 7.5A TO INV 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6056
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6056
ITEM: RELAY, LATCHING TO INVERTER 2A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6057
NASA FMEA #: 05-6-2139-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6057
ITEM: RELAY, LATCHING TO INVERTER 2A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6058
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6058
ITEM: RELAY, LATCHING TO INVERTER 2B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87	NASA DATA:
ASSESSMENT ID: EPD&C-6059	BASELINE []
NASA FMEA #: 05-6-2139-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6059
ITEM: RELAY, LATCHING TO INVERTER 2B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[X]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6060
NASA FMEA #: 05-6-2139-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6060
ITEM: RELAY, LATCHING TO INVERTER 2C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6061
NASA FMEA #: 05-6-2139-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6061
ITEM: RELAY, LATCHING TO INVERTER 2C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6062
NASA FMEA #: 05-6-2015-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6062
ITEM: INVERTER 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6063
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6063
ITEM: INVERTER 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-6064
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6064
ITEM: INVERTER 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6065
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6065
ITEM: INVERTER 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6065A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6065
ITEM: INVERTER 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
-------	-----	-----	-----	-----

(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6066
 NASA FMEA #: 05-6-2015-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6066
 ITEM: INVERTER 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6067
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6067
ITEM: INVERTER 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-6068
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6068
ITEM: INVERTER 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6069
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6069
ITEM: INVERTER 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6069A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6069
ITEM: INVERTER 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6070
NASA FMEA #: 05-6-2015-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6070
ITEM: INVERTER 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6071
NASA FMEA #: 05-6-2015-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6071
ITEM: INVERTER 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/15/87
ASSESSMENT ID: EPD&C-6072
NASA FMEA #: 05-6-2015-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6072
ITEM: INVERTER 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6073
NASA FMEA #: 05-6-2015-4

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6073
ITEM: INVERTER 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[N /]	[]	[]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/05/87
ASSESSMENT ID: EPD&C-6073A
NASA FMEA #: 05-6-2015-5

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6073
ITEM: INVERTER 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6074
NASA FMEA #: 05-6-2475-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6074
ITEM: HYBRID DRIVER TYPE III (AC BUS 2 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6075
NASA FMEA #: 05-6-2475-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6075
ITEM: HYBRID DRIVER TYPE III (AC BUS 2 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION BECAUSE IOA THOUGHT THE INVERTER INPUT POWER WAS SUPPLIED THROUGH A LATCHING RELAY AND THE RELAY DOES NOT LATCH.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6076
NASA FMEA #: 05-6-2474-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6076
ITEM: HYBRID DRIVER TYPE III (AC BUS 2 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT
INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE
DESIGNATOR SHOULD READ "82V76A17AR(III)J1-109".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6077
NASA FMEA #: 05-6-2474-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6077
ITEM: HYBRID DRIVER TYPE III (AC BUS 2 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "82V76A17AR(III)J1-109".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
 ASSESSMENT ID: EPD&C-6078
 NASA FMEA #: 05-6-2297-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6078
 ITEM: FUSE, 3A TO AC BUS 2B ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6079
NASA FMEA #: 05-6-2297-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6079
ITEM: FUSE, 3A TO AC BUS 2A ON

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS AS IOA WAS UNDER THE IMPRESSION THAT THE INPUT RELAY TO THE AC INVERTERS WAS LATCHING, WHEN IN FACT, IT IS NOT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6080
NASA FMEA #: 05-6-2216-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6080
ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "ON" POSITION, "ON" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6081
NASA FMEA #: 05-6-2216-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6081
ITEM: SWITCH, TOGGLE 3PDT (INV/AC BUS 2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "OFF" POSITION, "OFF" CONTACT SHORTS TO GROUND. IOA CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6082
NASA FMEA #: 05-6-2265-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6082
ITEM: CIRCUIT BREAKER, 3A TO AC2 BUS SENSOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6083
NASA FMEA #: 05-6-2265-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6083
ITEM: CIRCUIT BREAKER, 3A TO AC2 BUS SENSOR

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6084
NASA FMEA #: 05-6-2223-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6084
ITEM: SWITCH, TOGGLE SPDT (AC 2 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS OPEN OR SHORTS TO GROUND - IOA
CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 7/01/87
ASSESSMENT ID: EPD&C-6084A
NASA FMEA #: 05-6-2223-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6084
ITEM: SWITCH, TOGGLE SPDT (AC 2 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6085
NASA FMEA #: 05-6-2223-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6085
ITEM: SWITCH, TOGGLE SPDT (AC 2 BUS SNSR)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

FAILURE MODE CHANGED TO FAILS CLOSED IN MONITER POSITION - IOA
CONCURS WITH NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6086
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6086
ITEM: DIODE, BLOCKING 1A (TO 2 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6087
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6087
ITEM: DIODE, BLOCKING 1A (TO 2 A SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6088
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6088
ITEM: DIODE, BLOCKING 1A (TO 2 B SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING
THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6089
 NASA FMEA #: 05-6-2195-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6089
 ITEM: DIODE, BLOCKING 1A (TO 2 B SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6090
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6090
ITEM: DIODE, BLOCKING 1A (TO 2 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6091
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6091
ITEM: DIODE, BLOCKING 1A (TO 2 C SET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING
THE PREFLIGHT TEST BUS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6092
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6092
ITEM: DIODE, BLOCKING 1A (TO 2 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6093
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6093
ITEM: DIODE, BLOCKING 1A (TO 2 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6094
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6094
ITEM: DIODE, BLOCKING 1A (TO 2 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6095
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6095
ITEM: DIODE, BLOCKING 1A (TO 2 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6096
NASA FMEA #: 05-6-2195-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6096
ITEM: DIODE, BLOCKING 1A (TO 2 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[F]	[F]	[P]	[X]
COMPARE	[/]	[N]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA DUE TO CONCERNS OF INADVERTENTLY POWERING THE PREFLIGHT TEST BUS. IOA CONCURS WITH NASA'S SCREENS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6097
NASA FMEA #: 05-6-2195-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6097
ITEM: DIODE, BLOCKING 1A (TO 2 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6098
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6098
ITEM: DIODE, BLOCKING 1A (TO 2 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6099
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6099
ITEM: DIODE, BLOCKING 1A (TO 2 C RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY			REDUNDANCY SCREENS			CIL ITEM
	FLIGHT			A	B	C	
	HDW/FUNC						
NASA	[3 /3]			[]	[]	[]	[] *
IOA	[3 /3]			[]	[]	[]	[]
COMPARE	[/]			[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6100
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6100
ITEM: DIODE, BLOCKING 1A (TO 2 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6101
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6101
ITEM: DIODE, BLOCKING 1A (TO 2 B RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/19/87
ASSESSMENT ID: EPD&C-6102
NASA FMEA #: 05-6-2204-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6102
ITEM: DIODE, BLOCKING 1A (TO 2 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S ANALYSIS DUE TO CONCERNS ABOUT AC
INVERTER OVERVOLTAGE CONDITIONS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6103
NASA FMEA #: 05-6-2204-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6103
ITEM: DIODE, BLOCKING 1A (TO 2 A RESET)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6104
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6104
ITEM: FUSE, 3A TO AC BUS 2 A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6105
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6105
ITEM: FUSE, 3A TO AC BUS 2 B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:
IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6106
NASA FMEA #: 05-6-2264-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6106
ITEM: FUSE, 3A TO AC BUS 2 C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6107
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6107
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6108
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6108
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6109
NASA FMEA #: 05-6-2259-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6109
ITEM: FUSE, 3A TO AC VOLTMETER

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6110
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6110
ITEM: RELAY, LATCHING TO AC BUS 2A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6111
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6111
ITEM: RELAY, LATCHING TO AC BUS 2A

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6112
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6112
ITEM: RELAY, LATCHING TO AC BUS 2B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
 ASSESSMENT ID: EPD&C-6113
 NASA FMEA #: 05-6-2016-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6113
 ITEM: RELAY, LATCHING TO AC BUS 2B

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6114
NASA FMEA #: 05-6-2016-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6114
ITEM: RELAY, LATCHING TO AC BUS 2C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/04/87
ASSESSMENT ID: EPD&C-6115
NASA FMEA #: 05-6-2016-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6115
ITEM: RELAY, LATCHING TO AC BUS 2C

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER EXAMINATION OF THE CIRCUIT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6116
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6116
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 /3]		[]	[]	[]	[] *
IOA	[3 /3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6117
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6117
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6118
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6118
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6119
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6119
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6120
NASA FMEA #: 05-6-2347-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6120
ITEM: RESISTOR, 5.1K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 /3]		[]	[]	[]	[] *
IOA	[3 /3]		[]	[]	[]	
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6121
NASA FMEA #: 05-6-2349-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6121
ITEM: RESISTOR, 2.2K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	A	B	C	CIL ITEM
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6122
NASA FMEA #: 05-6-2332-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6122
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6123
NASA FMEA #: 05-6-2332-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6123
ITEM: RESISTOR, 1.8K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
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(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6124
NASA FMEA #: 05-6-2349-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6124
ITEM: RESISTOR, 2.2K 1/4W (TO MDM OF2)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6125
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6125
ITEM: RESISTOR, 100K (AC BUS 2 A CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

C-7

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6126
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6126
ITEM: RESISTOR, 100K (AC BUS 2 B CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY		REDUNDANCY SCREENS			CIL ITEM
	FLIGHT	HDW/FUNC	A	B	C	
NASA	[3 / 3]		[]	[]	[]	[] *
IOA	[3 / 3]		[]	[]	[]	[]
COMPARE	[/]		[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6127
NASA FMEA #: 05-6-2353-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6127
ITEM: RESISTOR, 100K (AC BUS 2 C CURRENT)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6128
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6128
ITEM: RESISTOR, 150K 1/2W (AC BUS 2 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6129
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6129
ITEM: RESISTOR, 150K 1/2W (AC BUS 2 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6130
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6130
ITEM: RESISTOR, 150K 1/2W (AC BUS 2 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6131
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6131
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 2 A VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6132
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6132
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 2 B VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /3]	[]	[]	[]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6133
NASA FMEA #: 05-6-2352-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6133
ITEM: RESISTOR, 4.3K 1/8W (AC BUS 2 C VOLTAGE)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6134
NASA FMEA #: 05-6-2361-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6134
ITEM: AC OVER/UNDER VOLT SNSR 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6135
NASA FMEA #: 05-6-2361-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6135
ITEM: AC OVER/UNDER VOLT SNSR 2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[F]	[NA]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6136
NASA FMEA #: 05-6-2298-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6136
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6137
NASA FMEA #: 05-6-2298-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6137
ITEM: CIRCUIT BREAKER, 3A 3-P

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

CRITICALITY FLIGHT HDW/FUNC		REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /2R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6138
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6138
ITEM: CIRCUIT BREAKER AC 2A TO RCS/OMS-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6139
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6139
ITEM: CIRCUIT BREAKER AC 2A TO RCS/OMS-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87	NASA DATA:
ASSESSMENT ID: EPD&C-6140	BASELINE []
NASA FMEA #: 05-6-2611-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6140
ITEM: CIRCUIT BREAKER AC 2B TO RCS/OMS-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY	SCREENS		CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[] (ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6141
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6141
ITEM: CIRCUIT BREAKER AC 2B TO RCS/OMS-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6142
NASA FMEA #: 05-6-2611-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6142
ITEM: CIRCUIT BREAKER AC 2C TO RCS/OMS-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6143
NASA FMEA #: 05-6-2611-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6143
ITEM: CIRCUIT BREAKER AC 2C TO RCS/OMS-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B" AND THE ASSUMPTION THAT A
"POPPED" CIRCUIT BREAKER IS NOT READILY DETECTABLE.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6144
NASA FMEA #: 05-6-2618-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6144
ITEM: CIRCUIT BREAKER TO FMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6145
NASA FMEA #: 05-6-2618-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6145
ITEM: CIRCUIT BREAKER TO FMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6146
NASA FMEA #: 05-6-2616-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6146
ITEM: CIRCUIT BREAKER TO MMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6147
NASA FMEA #: 05-6-2616-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6147
ITEM: CIRCUIT BREAKER TO MMCA-1

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6148
NASA FMEA #: 05-6-2613-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6148
ITEM: CIRCUIT BREAKER TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6149
NASA FMEA #: 05-6-2613-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6149
ITEM: CIRCUIT BREAKER TO MMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF
"PSYCHOTIC GPC" CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6150
NASA FMEA #: 05-6-2615-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6150
ITEM: CIRCUIT BREAKER TO MMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6151
NASA FMEA #: 05-6-2615-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6151
ITEM: CIRCUIT BREAKER TO MMCA-3

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6152
NASA FMEA #: 05-6-2613-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6152
ITEM: CIRCUIT BREAKER TO MMCA-4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6153
NASA FMEA #: 05-6-2613-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6153
ITEM: CIRCUIT BREAKER TO MMCA-4

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AS IOA WAS UNAWARE OF
"PSYCHOTIC GPC" CONCERNS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6154
NASA FMEA #: 05-6-2612-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6154
ITEM: CIRCUIT BREAKER TO AMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6155
NASA FMEA #: 05-6-2612-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6155
ITEM: CIRCUIT BREAKER TO AMCA-2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6156
NASA FMEA #: 05-6-2755-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6156
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6156A
NASA FMEA #: 05-6-2755-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6156
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6157
NASA FMEA #: 05-6-2755-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6157
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6158
NASA FMEA #: 05-6-2755-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6158
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY
STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6159
NASA FMEA #: 05-6-2755-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6159
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6159A
NASA FMEA #: 05-6-2755-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6159
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6160
 NASA FMEA #: 05-6EB-2004-1

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6160
 ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
 INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6161
 NASA FMEA #: 05-6EB-2004-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6161
 ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6162
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6162
ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6163
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6163
ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6164
NASA FMEA #: 05-6-2752-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6164
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6164A
NASA FMEA #: 05-6-2752-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6164
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6165
NASA FMEA #: 05-6-2752-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6165
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6166
NASA FMEA #: 05-6-2752-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6166
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY
STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6167
NASA FMEA #: 05-6-2752-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6167
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6167A
NASA FMEA #: 05-6-2752-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6167
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6168
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6168
ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
 ASSESSMENT ID: EPD&C-6169
 NASA FMEA #: 05-6EB-2004-2

NASA DATA:
 BASELINE []
 NEW [X]

SUBSYSTEM: EPD&C
 MDAC ID: 6169
 ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
 (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
 INADEQUATE []

REMARKS:
 IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6170
NASA FMEA #: 05-6EB-2004-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6170
ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/07/87
ASSESSMENT ID: EPD&C-6171
NASA FMEA #: 05-6EB-2004-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6171
ITEM: RELAY TO PLBD AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6172
NASA FMEA #: 05-6-2756-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6172
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] [] (ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6172A
NASA FMEA #: 05-6-2756-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6172
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6173
NASA FMEA #: 05-6-2756-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6173
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6174
NASA FMEA #: 05-6-2756-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6174
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[N]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

THE "B" SCREEN PASSES BECAUSE THE GROUND CAN MONITER THE RELAY
STATE WITH THE MCA OPERATIONAL STATUS MEASUREMENT.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6175
NASA FMEA #: 05-6-2756-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6175
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[F]	[P]	[X]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

NASA HAS ADDED THE FAILURE MODE "COIL SHORT TO GROUND" TO THIS FMEA. RELAY STATUS CAN BE DETECTED VIA TELEMETRY. IOA CONCURS WITH THE NASA REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/09/87
ASSESSMENT ID: EPD&C-6175A
NASA FMEA #: 05-6-2756-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6175
ITEM: RELAY, 4P TO PLBM-AC2

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[2 /1R]	[P]	[P]	[P]	[X] *
IOA	[2 /1R]	[P]	[P]	[P]	[X]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE [X]
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6176
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6176
ITEM: CIRCUIT BREAKER, 3A (AC CONT 3 A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6177
NASA FMEA #: 05-6-2245-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6177
ITEM: CIRCUIT BREAKER, 3A (AC CONT 3 A)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6178
NASA FMEA #: 05-6-2245-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6178
ITEM: CIRCUIT BREAKER, 3A (AC CONT 3 B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6179
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6179
ITEM: CIRCUIT BREAKER, 3A (AC CONT 3 B)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6180
NASA FMEA #: 05-6-2245-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6180
ITEM: CIRCUIT BREAKER, 3A (AC CONT 3 C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S SCREEN "B".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 1/01/88
ASSESSMENT ID: EPD&C-6181
NASA FMEA #: 05-6-2245-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6181
ITEM: CIRCUIT BREAKER, 3A (AC CONT 3 C)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6182
NASA FMEA #: 05-6-2215-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6182
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[P]	[P]	[]
COMPARE	[/]	[]	[N]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS CLOSED IN "OFF" POSITION. IOA CONCURS WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6183
NASA FMEA #: 05-6-2215-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6183
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

NASA HAS REDEFINED THIS FAILURE MODE AS: FAILS OPEN. IOA CONCURS
WITH NASA'S REEVALUATION.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 12/18/87
ASSESSMENT ID: EPD&C-6183A
NASA FMEA #: 05-6-2215-3

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6183
ITEM: SWITCH, TOGGLE 3PDT (INVERTER PWR #3)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[NA]	[P]	[] *
IOA	[3 /1R]	[P]	[NA]	[P]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/13/87
ASSESSMENT ID: EPD&C-6184
NASA FMEA #: 05-6-2488-2

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6184
ITEM: HYBRID DRIVER TYPE I (MN C TO INV 3 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[P]	[P]	[] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION AFTER FURTHER ANALYSIS.

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/06/87	NASA DATA:
ASSESSMENT ID:	EPD&C-6185	BASELINE []
NASA FMEA #:	05-6-2488-1	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6185
ITEM: HYBRID DRIVER TYPE I (MN C TO INV 3 ON)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]
				(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE: 6/06/87
ASSESSMENT ID: EPD&C-6186
NASA FMEA #: 05-6-2489-1

NASA DATA:
BASELINE []
NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6186
ITEM: HYBRID DRIVER TYPE I (MN C TO INV 3 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 / 3]	[]	[]	[]	[] *
IOA	[3 / 3]	[]	[]	[]	[]
COMPARE	[/]	[]	[]	[]	[]

RECOMMENDATIONS: (If different from NASA)

[/] [] [] [] []
(ADD/DELETE)

* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE []
INADEQUATE []

REMARKS:

REFERENCE DESIGNATOR SHOULD READ "83V76A18AR(I)J1-2".

APPENDIX C ASSESSMENT WORKSHEET

ASSESSMENT DATE:	6/13/87	NASA DATA:
ASSESSMENT ID:	EPD&C-6187	BASELINE []
NASA FMEA #:	05-6-2489-2	NEW [X]

SUBSYSTEM: EPD&C
MDAC ID: 6187
ITEM: HYBRID DRIVER TYPE I (MN C TO INV 3 OFF)

LEAD ANALYST: K. SCHMECKPEPER

ASSESSMENT:

	CRITICALITY FLIGHT HDW/FUNC	REDUNDANCY SCREENS			CIL ITEM
		A	B	C	
NASA	[3 /1R]	[P]	[F]	[P]	[X] *
IOA	[3 /3]	[]	[]	[]	[]
COMPARE	[/N]	[N]	[N]	[N]	[N]

RECOMMENDATIONS: (If different from NASA)

[/]	[]	[]	[]	[]	(ADD/DELETE)
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* CIL RETENTION RATIONALE: (If applicable)

ADEQUATE	[]
INADEQUATE	[]

REMARKS:

IOA CONCURS WITH NASA'S REEVALUATION DUE TO CONCERNS ABOUT INADVERTENT POWERING OF THE PREFLIGHT TEST BUS. REFERENCE DESIGNATOR SHOULD READ "83V76A18AR(I)J1-2".